



LLANDOVERY BOROUGH COUNCIL.


ANNUAL REPORT

OF

MEDICAL OFFICER OF HEALTH

FOR

1962.



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TO:

The Mayor and Councillors of the Borough of Llandovery.

Mr. Mayor, Aldermen and Members,

I beg to present my eleventh Annual  
Report for the year ending 31st December 1962

Figures in the report will show that it was again a good year for health in the Borough. There was a further increase of ten in the estimated population, an increase in the birth births giving a birth rate equal to the national figure. Other satisfactory features were that no infant deaths or stillbirths or cases of infectious diseases occurred during the year.

This report is divided into two parts and the second part, dealing with the sanitary circumstances in the area, has been prepared by Mr. Davies your Public Health Inspector. I wish to take this opportunity of thanking him and the members of the Council and the staff for their continued help and interest in the work of the Health Department during the year.

I have the honour to be

Your obedient Servant,

G. M. Herbert,

Medical Officer of Health.



## GENERAL STATISTICS.

Area	...	...	...	1,266 axre.
Population	...	...	...	1,990
Rateable Value	...	...	...	
Sum represented by a penny rate	...	...	...	£75
Number of Inhabited Houses	...	...	...	641
Number of Uninhabited Houses	...	...	...	8
Number of Council Houses completed during the year	...	...	...	Nil
Number of Private Houses completed during the year	...	...	...	Nil

## VITAL STATISTICS.

### Births and Deaths                      Male.   Female.   Total.

#### Live Births

Legitimate	...	...	11	21	32
Illegitimate	...	...	2	2	4
			<u>13</u>	<u>13</u>	<u>36</u>

Illegitimate Live Births per cent of total live births.

Llandovery	...	...	11.11
Carmarthenshire	...	...	3.99
England and Wales	...	...	6.6

### BIRTH RATES.      per 1,000 estimated population.

Llandovery	...	...	18.09
Carmarthenshire	...	...	14.70
England and Wales	...	...	16.0

STILL BIRTHS For the second year in succession, there were no still births in this area.

### Still Birth Rates per 1,000 live and still births.

Llandovery	...	...	0.00
Carmarthenshire	...	...	21.12
England and Wales	...	...	18.1

INFANT MORALITY. Also for the second year in succession, there were no infant deaths.

Infant Mortality Rates - per 1,000 total live births.

	<u>Llandovery.</u>	<u>C.C.C.</u>	<u>E.&amp; W.</u>	<u>Wales.</u>
Early Neonatal-under 1 week	0.0	14.6	-	
Neonatal, - under 1 month	0.0	17.50	21.4	
Infant mortality - under 1 year	0.0	26.87	21.9	23.0
Perinatal mortality - still births and early neonatal per 1,000 live and stillbirths	0.0	35.47	32.9	

## MATERNAL MORTALITY.

There were again no maternal deaths resulting from pregnancy or childbirth.

Maternal mortality rate per 1,000 live and still birth.

Llandovery	...	...	0.0
Carmarthenshire	...	...	0.4
England and Wales	...	...	0.35



## DEATHS. All ages and all causes.

There were 22 deaths this year, 8 male and 14 female - a decrease of 5 over 1961

All the males were 65 years or over and 64% of the females. 62% of the males were 70 or over and 57% of the females. 25% of the males were 75 or over and 43% of the females. 25% of the male deaths were 80 or over and 32% of the females and one female was over 90 years.

Number of death and rates per 1000 population -

	<u>NUMBER</u>		<u>RATES.</u>
	<u>Male.</u>	<u>Female.</u>	
Tuberculosis	0	0	0.0
Diphtheria	0	0	0.0
Acute Poliomyelitis	0	0	0.0
Other infective & parasitic diseases	0	0	0.0
Cancer	0	5	2.51
Diabetes	0	0	0.0
Vascular Lesions of nervous system	0	0	0.0
Coronary disease	2	3	2.51
Other heart disease	1	3	2.01
Circulatory disease	0	3	1.51
Infuenza	0	0	0.0
Pneumonia	0	0	0.0
Bronchitis	0	0	0.0
Other diseases of respiratory system	1	0	0.50
Gastritis, enteritis and diarrhoea	1	0	0.50
Congenital Malformations	0	0	0.0
Other defined & ill defined diseases	3	0	1.51
Accidents	0	0	0.0
Total	8	14	11.06

Death rate per 1,000 population - Llandovery - 11.06  
Carmarthenshire - 13.65  
England & Wales - 11.9

## CANCER.

There were five deaths from cancer all females compared with nine the previous year. There were no deaths from cancer of the bronchus or lungs this year.

Cancer death rates - Llandovery - 2.51  
Carmarthenshire - 2.09  
England and Wales - 2.2

## PREVALENCE AND CONTROL OF INFECTIOUS DISEASES (other than tuberculosis)

No cases were notified during the year.

## DIPHTHERIA AND WHOOPING COUGH IMMUNISATION.

For another year again it is gratifying to be able to report that there were no cases of Diphtheria or Whooping Cough. Inoculations against these two diseases were given by the Medical Practitioners and at the Infant Clinic. This is held on alternative Tuesday afternoons. Parents are advised to take the opportunity of protecting their children in this way, particularly as a small, but increasing number of cases of diphtheria have occurred in many parts of the country during the year, during the year combined vaccination for Diphtheria, Whooping Cough and Tetanus was given.

The numbers inoculated in the Borough during 1962 were:-

	<u>Under 5 years.</u>	<u>Boosters.</u>
Triple Antigen	15	
Diphtheria only	0	1

#### SMALL POX VACCINATION.

Because of the outbreak of Smallpox in the neighbouring County there was a big increase in the number of vaccinations performed. There were no direct contacts in the Borough. Local figures are not available but the total vaccination in the whole County were:-

	<u>No. Vaccinated</u>	<u>No. Revaccinated,</u>
Under 1 year	1457	-
1 "	545	-
2 - 4	1502	534
5 -14	7968	4866
15 & over	11694	20815

In addition a number of children were vaccinated against Polionyalitis and oral vaccination (Sabin) was also given during the year. Separate figures for the Borough are not available but the number of children vaccinated in the County were:-

#### POLIOMYELITIS VACCINATION (Whole County)

(Salk Vaccination)

	<u>Received 2 Injections.</u>	<u>Received 1st Injection.</u>
1. Number of children born 1943-62	1361	4
2. Persons born 1933-42	259	7
3. " before 1933 who have not passed 40 birthday	564	-
4. Expectant mothers	42	-
5 Others	-	-

Number received 3rd injection during the year - 4437  
Number received 4th " " " " - 600

#### SABIN VACCINATION.

	<u>Received 3 doses</u>	<u>Received 2 doses</u>	<u>Received 1 dose.</u>
Children from 1943-62	612	27	182
1933-42	45	-	-
Born before 1933	127	-	-
Number of persons given one dose of Sabin after two doses of Salk-	664		
" " " " " " " " " three " " "	591		

#### TUBERCULOSES.

BCG. Vaccination - Whole County)

1. <u>Contact Scheme</u>			
i)	Number skin tested	...	300
ii)	" found negative	...	195
iii)	" vaccinated	...	159
2. <u>School Children Scheme</u>			
i)	Number skin tested	...	2,336
ii)	" found negative	...	1,913
iii)	" vaccinated	...	1,904

Three cases of tuberculosis were reported during the year, one case of non-respiratory disease in a male and 2 of respiratory disease in a male of 54 and a female 72.

Case and death rates	Llandovery	Carmarthenshire
Case rates per 1000 population	1.01	0.54
Respiratory		
Non-respiratory	0.50	0.07
Death rates per 1000 population	0.00	0.06
Respiratory		0.006
Non-respiratory	0.0	

The Mass Radiography Unit didnot visit the Borough during the year.

NATIONAL ASSISTANCE ACT 1948 sec. 47.

An elderly man in need of care and attention was admitted to hospital on an Emergency Order. He died soon after admission.

I am,

Your obedient Servant,

G. M. Herbert,

Medical Officer of Health.



Lodging Houses.

There are no registered common lodging houses in the area.

FACTORIES ACT. 1961.

- 1 - Inspections for purposes of provisions as to health(including inspections made by Public Health Inspectors)

Premises (1)	Number on Register (2)	Number of		
		Inspections (3)	Written notices (4)	Occupiers prosecuted (5)
(i) Factories in which Sections 1,2 3,4, & 6 are to be enforced by Local Authorities.....	10	20	Nil	Nil
(ii) Factories not included in(i) in which Section 7 is enforced by the Local Authority.....	14	28	Nil	Nil
(iii) Other premises in which Section 7 is enforced by the Local Authority(excluding out-workers' premises)	3	6	Nil	Nil
Total.....	27	54	Nil	Nil

- 2 - Cases in which Defects were found. - NIL.

Part VIII of the Act Outwork (Sections 133 and 134 - NIL.



The Annual Report of the Public Health Inspector for the  
Year ending 31st December 1962.

Mr Mayor and Gentlemen,

I submit for your attention and consideration  
the Annual Report of the Public Health Inspector for the year ending  
31st December 1962.

Water Supply.

Tonn Borehole Supply.

The main source of supply of water for the Town of Llandovery is the Tonn Borehole.

The total quantity of water pumped from the Tonn Borehole was 41,129,000 gallon an average of 112,711 gallons per day.

The daily quantity of the water pumped increases by approximately 10,000 gallons per day between January and December.

The quantity for this source is sufficient for the foreseeable future need of the Borough of Llandovery.

The water at source before treatment is soft.

The comments of the Public Analyst after the chemical and bacteriological examination of this supply before treatment and after treatment is as follows:-

Before Treatment.

The Borehole water has a total hardness of 35 parts per million and would be classified as soft. It had a slight acid reaction and negative saturation index which shows aggressive tendencies towards metals. Bacteriologically and organically it was of high quality.

After Treatment.

Treatment had resulted in converting the water from being slightly acid to slightly alkaline in reaction, hardness had gone up to 65 parts per million and would be classified as moderately soft, This had also corrected the corrosive tendency of the water.

Organically this water was of the highest chemical quality and its bacteriological condition was equally satisfactory.

The Tonn Borehole is a 18" diameter slotted steel tube lined Borehole 47'-6" deep in gravel extracting water from the subterranean stream of the River Towy.

The water is treated in the brick building at the head of the Borehole by chlorination with chlorine gas and the correction of the corrosive nature of the water by the addition of powdered hydrated lime through a lime saturator.

I check the water supply every two days for residual chlorine content which is kept between 0.05 to 0.1 part per million and the pH of the water which is kept between 7.5 and 8.0.

Cynnant Supply.

This supply is only used to supply farms and dwellings on the route of the 4" trunk main, 50 dwellings and 9 farms on the Llandeilo R.D.C. area and four dwellings and two farms in the Borough of Llandovery.

Distribution.

All the premises in the Borough are supplied with water from the piped public supply with the exception of one farm and three houses, the farm and two houses have their own supply piped into the house.

Other houses connected to the piped public supply all are



supplied direct into the houses over sinks except 11 who are supplied by stand pipes in their back areas..

Number of houses supplied from public water mains direct to the houses	-	-	-	630
Number of houses supplied from stand pipes	-	-	-	11

### Sewerage & Sewage Disposal.

Excessive infiltration of subsoil water into the trunk sewer was detected in five sections. At the end of 1962 these areas of infiltration had not been repaired.

The sewerage scheme appeared to be working efficiently with exception of the facility for the disposal and drying of sludge. A scheme for the improvement and reforming of the sludge beds with brick partitions was prepared and substantially completed approximately doubling the effective drying area of the sludge beds.

Three samples of the effluent from the Sewage Works were taken at the discharging point into the river Bran.

One was taken by the South West Wales River Board and I collected two samples which were submitted to the Public Analyst.

#### River Board Report.

5 day Biological Oxygen Demand	60.4 part per million
Total Suspended solids	38. part per milion.

#### Public Analyst Report.

5 day Biological Oxygen Demand	(1) 14.4 p.p.m.	(2) 25.9 p.p.m.
Total suspended solids	30.4 p.p.m.	28. p.p.m.

From the samples taken the South West Wales River Board considering the result of the sample unsatisfactory but the Public Analyst considers the effluent satisfactory, one very satisfactory.

### Public Cleansing.

The household refuse is collected weekly and combined trade and household refuse from business premises is collected twice weekly.

The refuse is tipped on a site in the Llandeilo Rural District Council area, East of the Borough in the Glangwydderig Farm area. The refuse is spread after each daily collection and covered with quarry waste.

Flies and crickets are controlled with regular application of powder insecticide applied with a high pressure blower and rodent population by monthly Rodent Control treatments.

### Street Cleaning.

The sweeping of Borough Roads is carried out by Borough Council employees and the County Roads by Borough workmen on behalf of the County Council.

### Caravan Sites.

Two Caravan Sites are licenced under the Caravan Site and Control of Development Act 1960.

One is a Holiday Caravan Site for fifteen caravans.

One a residential site for one caravan with temporary licence for one year.

### Improvement Scheme.

The following improvement schemes were approved by the Council.

Discretionary Improvement Scheme	6.
Standard Improvement Scheme	3.

### Council Housing.

New Applications for tenancy of Council Houses	-	16
Total on housing waiting list at the end of 1962	-	65
Termination of tenancy during the year	-	3
Number of new houses built during the year	-	Nil

### Housing Inspection.

Number of inspections	-	620
Number of reinspections	-	710
Number of informal notices served	-	15
Number of informal notices complied	-	9

### Statutory Notices Served.

Public Health Act 1936	-	3
Housing Act 1957 section 16	-	4

<u>Statutory Notices Complied Public Health</u>	-	2
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<u>Demolition Orders section 17 Demolition.</u>	-	1
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<u>Section 16 Undertakings Accepted</u>	-	3
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### Food Premises.

<u>Bakehouses</u>	-	3
Number of visits	-	10
<u>Icecream Premises.</u>		
Storage and sale	-	20
Manufacturing (cold mix)	-	1
<u>Sausage Manufacturing Premises</u>	-	3
Number of visits	-	34

### Milk Supply.

#### Dairies

Dairies on register	-	1
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#### Butcher Shops

Number of visits	-	48
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#### Grocer Shops

Number of visits	-	108
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#### Transport Cafe' and Hostel

Number of visits	-	12
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#### Cafes.

Number of visits	-	40
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#### Wet Fish Shops.

Number of visits	-	6
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#### Fried Fish and Chip Shops.

Number of visits	-	24
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#### Sweet Shops

Number of visits	-	84
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#### Fruit Shops.

Number of visits	-	10
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#### School Kitchens

Number of visits	-	6
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#### Residential Hotels.

Number of visits	-	2
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<u>Licenced Hotels and Public Houses.</u>	-	19
Number of visits	-	228

Icecream(Heat Treatment etc) Regulations.

The icecream sold in Llandovery is mainly prepacked icecream. One person sells icecream made from cold mix.

Slaughterhouses.

The one private slaughterhouse in the Borough ceased to be licenced from 1st July 1962.

Food Condemned.

Tinned Meat	34lbs	6	ozs.
Tinned Fruit	46lbs	12	"
Tinned Fish		13½	"
Tinned Cream		16	"
Tinned Vegetables	1	10½	"
" Soup	1 lb	15	"
Cream Rice		15	"
Tea	1 cwt	11	lbs.

Disposal of Condemned Food.

All tinned food are split open and treated with Zinc Phosphide and buried in refuse disposal tip.

I am,

Your obedient Servant,

W. Davies,

Public Health Inspector  
and Water Engineer.